

```
<!--StartFragment-->RESULT 8
US-10-052-586-584
; Sequence 584, Application US/10052586
; Publication No. US20020127584A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C1
; CURRENT APPLICATION NUMBER: US/10/052,586
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059266
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063120
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063121
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063486
; PRIOR FILING DATE: 1997-10-21
; PRIOR APPLICATION NUMBER: 60/063540
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063541
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063544
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063564
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063734
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063870
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066120
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066466
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069335
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069425
; PRIOR FILING DATE: 1997-12-12
; PRIOR APPLICATION NUMBER: 60/069870
; PRIOR FILING DATE: 1997-12-17
```

; PRIOR APPLICATION NUMBER: 60/068017  
; PRIOR FILING DATE: 1997-12-18  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/083495  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083496  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083499  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083559  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/084366  
; PRIOR FILING DATE: 1998-05-05  
; PRIOR APPLICATION NUMBER: 60/084414  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084639  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084643  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/085573

; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086023  
; PRIOR FILING DATE: 1998-05-18  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/086486  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/087098  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/087208  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/087609  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087759  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087827  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: 60/088025  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088028  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088029  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088033  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088167  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088202  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088212  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088217  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088326  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088655  
; PRIOR FILING DATE: 1998-06-09  
; PRIOR APPLICATION NUMBER: 60/088722  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088738  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088740  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088811  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088824  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088825  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088826  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088861  
; PRIOR FILING DATE: 1998-06-11

```
; PRIOR APPLICATION NUMBER: 60/088863
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089090
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089908
```

Query Match 85.6%; Score 3156.5; DB 4; Length 708;  
 Best Local Similarity 84.3%; Pred. No. 3.2e-196;  
 Matches 594; Conservative 40; Mismatches 66; Indels 5; Gaps 2;

```
Qy      1 MLASALLVFLCCFKGHAGSSPHFLQQPEDMVVLLGEEARLPCALGAYRGLVQWTKDGLAL 60
      |  |||| | ||:| || |||||:||||| ||||| ||||
Db      4 MRVPALLVLLFCFRGRAGSPHFLQQPEDLVVLLGEEARLPCALGAYWGLVQWTKSGLAL 63

Qy     61 GGERDLPGWSRYWISGNSASGQHDHLHIKPVELEDEASYECQASQAGLSRPAQLHVMVPP 120
      ||:|||||:|||||:|||||:|||||:|||||:||
Db     64 GGQRDLPGWSRYWISGNAANGQHDHLIRPVELEDEASYECQATQAGLSRPAQLHVLVPP 123

Qy    121 EAPQVLGGPSVSLVAGVPGNLTCSRGRD SRPAPELLWFRD GIRLDASSFHQTTLKDKATG 180
      |||||:|||||:|||||:|||||:|||||:|||||:|||||
Db    124 EAPQVLGGPSVSLVAGVPANLTCSRGRDARPTPELLWFRDGVLLDGATFHQTLLKEGTPG 183

Qy    181 TVENTLFLTPSSHDDGATLICRARSQALPTGRD TAVTSLSLQYPPMVTLSAEPQTVQEGEK 240
      :||:|| ||| ||||| :|||||:|||||:||||| |||| | |||||
Db    184 SVESTLTLTPTFSHDDGATFVCRARSQALPTGRD TAITLSLQYPPEVTLSASPHTVQEGEK 243

Qy    241 VTFLCQATAQPPVTGYRWAKGGSPVLGARGPRLEV VADATFLTEPVSCVSNVAGSANRS 300
      | |||||:|||||:|||||:|||||:|||||:|||||
Db    244 VIFLCQATAQPPVTGYRWAKGGSPVLGARGPRLEV VADASFLETPVSCVSNVAGSANRS 303

Qy    301 TALEVLYGPILQAKPKSVSDVVGKDA SFSCVWRGNPLPRITWTRMGGSQVLSSGPTLRLP 360
      |||:||:|||||: |||||:||||| |||||:|||| ||:|| || ||||
Db    304 TALDVLFGPILQAKPEPVSDVVGEDASFSCAWRGNPLPRVTWTRRGAQVLGSGATLRLP 363

Qy    361 SVALEDAGDYVCRAEPRRTGLGGGKAQARLT VNAPPVVTALQPAPAF LRGP AR LQC VVFA 420
      || |||||: || || | :||||| |||||: |||
Db    364 SVGPEDAGDYVCRAEAGLSGLRGAAEARLT VNAPPVVTALHSAPAF LRGP AR LQCLVFA 423

Qy    421 SPAPDSVVWSWDEGFLEAGSLGRFLVEAFPAPEVEGGQGPGLISVLHISGTQESDFTTGF 480
      |||||:||||| ||||| |||| || |||||: ||
Db    424 SPAPDAVVWSWDEGFLEAGSQGRFLVETFPAPESRGGLGPGLISVLHISGTQESDFSRSF 483

Qy    481 NCSARNRLGEGRVQIHLGRRDLLPTVRIVAGAASAAT SLLMVITGVVLC CWRH----GSL 536
      ||||| || | |||||: || | :||||| ||||| |
Db    484 NCSARNRLGEGGAQASLGRRDLLPTVRIVAGVAAAT TLLMVITGVALCCWRH SKASASF 543

Qy    537 SKQKNLVRIPGSSEGSSSRGP-EEETGSS EDRGPIVHTDHS DLVLEEKEALET KDPTNGY 595
```

```

      |:|||:|||||:||||| ||||| ||||| ||||| ||||| : ||||| |||
Db       544 SEQKNLMRIPGSSDGSRRGPEEEEETGSREDRGPIVHTDHSDLVLEEEGTLETKDPTNGY 603
Qy       596 YKVRGVSVSLSLGEAPGGGLFLPPPSPIGLPGTPTYDYDFKPHLDLVPPCRLYRARAGYLT 655
      ||||| ||||| ||||| ||||| : ||||| :||| ||| :||||| ||||| |||
Db       604 YKVRGVSVSLSLGEAPGGGLFLPPPSPLGPPGTPTFYDFNPHLGMVPPCRLYRARAGYLT 663
Qy       656 TPHPRAFTSYMKPTSFGPPDLSSGTPPFYPATLSPPSHQRLQTHV 700
      ||||| ||||| : ||||| ||||| : ||||| ||| |||||
Db       664 TPHPRAFTSYIKPTSFGPPDLAPGTPPFYPAAFP TPSHPRLQTHV 708
<!--EndFragment-->
```